

Form PTO-1449 (Substitute)				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket Number FXPL-01027US0		Serial/Patent Number 09/658,612	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				Applicants/Patent Owners: Lester D. Nelson, Sara Bly				Filing/Issue Date: September 8, 2000	
				Group Art Unit: 2185					

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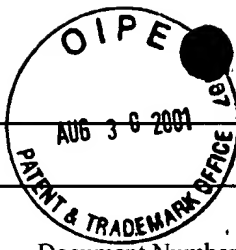
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U.S. PATENTS							
Examiner Initial	Serial Number	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
R.B.	1.	4,241,521	12/30/1980	Dufresne	434	112	09/13/1976
	2.	4,515,995	5/7/1985	Bolick, Jr. et al.	179	6.13	03/03/1981
	3.	4,517,410	5/14/1985	Williams et al.	179	6.04	02/02/1982
	4.	4,591,664	5/27/1986	Freeman	179	6.06	12/23/1982
	5.	4,661,916	4/28/1987	Baker et al.	364	513.5	12/07/1985
	6.	4,663,777	5/5/1987	Szeto	379	88	12/17/1984
	7.	4,715,060	12/22/1987	Lipscher et al.	379	70	07/15/1985
	8.	4,985,913	1/15/1991	Shalom et al.	379	76	08/29/1989
	9.	5,029,214	7/2/1991	Hollander	381	51	08/11/1986
	10.	5,210,689	5/11/1993	Baker et al.	364	419	12/28/1990
	11.	5,259,024	11/2/1993	Morley, Jr. et al.	379	88	04/24/1992
	12.	5,297,041	3/22/1994	Kushler et al.	364	419.15	03/16/1992
	13.	5,668,868	9/16/1997	Nordenstrom	379	447	04/08/1996
	14.	5,790,957	8/4/1998	Heidari	455	553	09/12/1995
	15.	5,822,403	10/13/1998	Rowan	379	68	08/21/1996
	R.B.	16.	5,920,303	7/6/1999	Baker et al.	345	133
17.		5,991,374	11/23/1999	Hazenfield	379	101.01	08/08/1996

PENDING U.S. PATENT APPLICATIONS						
Examiner Initial	Serial Number	Application Number	Filing Date	First Named Inventor	Petition to Expunge?	Yes/No
R.B.	18.	09/657,370	9/8/2000	Nelson		X
	19.	09/658,243	9/8/2000	Nelson		X
	20.	09/658,673	9/8/2000	Nelson		X
	21.	09/658,245	9/8/2000	Nelson		X

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## FOREIGN PATENT DOCUMENTS Technology Center 2100

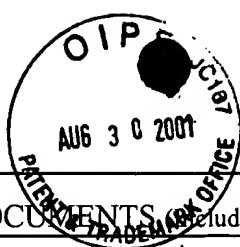
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No

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SEP 5 2001  
Technology Center 2100

## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

R.B.	22.	"Automated Braille Display," <i>Appalachian State University</i> , <a href="http://www1.aapstate.edu/dept/physics/weather/braille_display.html">http://www1.aapstate.edu/dept/physics/weather/braille_display.html</a> and "JPEG Image," <a href="http://www1.appstate.edu/dept/physics/weather/proto5.jpg">http://www1.appstate.edu/dept/physics/weather/proto5.jpg</a> .
	23.	"ATI Announces New Software Solution for Professionals -- EvalWare™," <i>Assistive Technology, Inc.</i> , July 30, 1999, <a href="http://www.assistivetech.com/p-multivoice.htm">http://www.assistivetech.com/p-multivoice.htm</a>
	24.	Brody, M., Cell Phones: Clever Communications But Etiquette Disconnect, <a href="http://www.microsoft.com/BIZ/features/advice/brody/archive/cellphones.asp">http://www.microsoft.com/BIZ/features/advice/brody/archive/cellphones.asp</a>
	25.	Jacobson, D., "Release of TalkToMe! V1.0," <i>macinsearch.com</i> , March 3, 1999, <a href="http://www.machinsearch.com/news/19990309/news_19990309.21650.5.shtml">http://www.machinsearch.com/news/19990309/news_19990309.21650.5.shtml</a>
	26.	Marti, S. and Schmandt, C., "Active Messenger: filtering and delivery in a heterogeneous network," draft submitted to <i>Ubicomp 2001</i> , <a href="http://www.media.mit.edu/~stefanm/thesis/ActiveMessenger_conf_2001_04_20_draft.pdf">http://www.media.mit.edu/~stefanm/thesis/ActiveMessenger_conf_2001_04_20_draft.pdf</a>
	27.	"Why Minspeak®," Prentke Romich Company, <a href="http://www.prentrom.com/speech/speech.html">http://www.prentrom.com/speech/speech.html</a>
	28.	Nelson, D., "Time Marches on -- just listen to it!," April 2, 1999, <a href="http://www.modbee.com/metro/story/0%2C1113%2C73735%2C00.html">http://www.modbee.com/metro/story/0%2C1113%2C73735%2C00.html</a>
	29.	"What is Portico?" <a href="http://www.conectus.com/portico/portico.asp">http://www.conectus.com/portico/portico.asp</a>
	30.	"The Teleface Project," The Royal Institute of Technology, <a href="http://www.speech.kth.se/teleface/">http://www.speech.kth.se/teleface/</a>
	31.	Phone-Fun Special Effects Machine, Shop Voyager.com, Catalog number #TE2200, <a href="http://www.shopvoyager.com">www.shopvoyager.com</a>
	32.	"TTS: Synthesis of audible speech from text," <i>AT&amp;T Labs - Research</i> , 2000, <a href="http://www.research.att.com/projects/tts">http://www.research.att.com/projects/tts</a>
	33.	Babel Technologies, <a href="http://www.babeltech.com/">http://www.babeltech.com/</a>
	34.	"Welcome to Our Multilingual Text-to-Speech Systems," Lucent Technologies, Bell Labs Innovations, <a href="http://www.bell-labs.com/project/tts">http://www.bell-labs.com/project/tts</a>
	35.	"TruVoice from Centigram," <a href="http://svr-www.eng.ca.ac.uk/comp.speech/Section5/Synth/truvoice.html">http://svr-www.eng.ca.ac.uk/comp.speech/Section5/Synth/truvoice.html</a>
	36.	"DIXI+ A Portuguese Text-to-Speech Synthesizer For Alternative and Augmentative Communication," <i>Instituto de Engenharia de Sistemas e Computadores and Centro de Linguística da Universidade de Lisboa</i> , 1999-2001, <a href="http://www.speech.inesc.pt/~lco/dixiplus/abstract.html">http://www.speech.inesc.pt/~lco/dixiplus/abstract.html</a>
	37.	"Elan Text to Speech," <i>Elan Informatique</i> , <a href="http://www.elantts.com/speech/shared/ess2txt.htm">http://www.elantts.com/speech/shared/ess2txt.htm</a>
	38.	"The Festival Speech Synthesis System," <i>The University of Edinburgh</i> , <a href="http://www.cstr.ed.ac.uk/projects/festival/">http://www.cstr.ed.ac.uk/projects/festival/</a>
	39.	"The Epos Speech Synthesis System," <a href="http://epos.ure.cas.cz">http://epos.ure.cas.cz</a>
R.B.	40.	"iSPEAK: Let your text be heard," Fonix Corporation, September 2000, <a href="http://www.fonix.com/products/ispeak.html">http://www.fonix.com/products/ispeak.html</a>

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SEP 07 2001  
Technology Center 2100



## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

R.B.	41.	"Speech Technology Group: Text-to-Speech Demo for Spanish(concatenative)," <i>GTH</i> , <a href="http://www-gth.die.upm.es/research/synthesis/synth-form-concat.html">http://www-gth.die.upm.es/research/synthesis/synth-form-concat.html</a>
	42.	"German Festival," <i>IMS Phonetik, Institute of Natural Language Processing</i> , University of Stuttgart, Germany, <a href="http://www.ims.uni-stuttgart.de/phonetik/synthesis">http://www.ims.uni-stuttgart.de/phonetik/synthesis</a>
	43.	"Hadifix," <i>Institute of Communications Research and Phonetics</i> , University of Bonn, Germany, <a href="http://www.ikp.uni-bonn.de/~tpo/Hadifix.en.html">http://www.ikp.uni-bonn.de/~tpo/Hadifix.en.html</a>
	44.	"IBM Voice Systems," <a href="http://www-4.ibm.com/software/speech">http://www-4.ibm.com/software/speech</a>
	45.	"Speech Technology," <i>Microsoft Research</i> , <a href="http://research.microsoft.com/srg/">http://research.microsoft.com/srg/</a>
	46.	"FLUET," <i>NTT Communication Science Laboratories</i> , <a href="http://www.kecd.ntt.co.jp/research/index.html">http://www.kecd.ntt.co.jp/research/index.html</a>
	47.	OGI-Festival, <a href="http://cslu.cse.ogi.edu/tts/main.html">http://cslu.cse.ogi.edu/tts/main.html</a>
	48.	Fister, Beat, "The SVOX Text-to-Speech System," <i>Computer Engineering and Networks Laboratory, Swiss Federal Institute of Technology, Zurich</i> , September 1995, <a href="http://www.tik.ee.ethz.ch/~spr/SPGinfo/node11.html">http://www.tik.ee.ethz.ch/~spr/SPGinfo/node11.html</a> , Pfi95, 4 pages.
	49.	"Magic Voice," <i>Samsung AIT HCI Lab.</i> , <a href="http://hci.sait.samsung.co.kr.mvoice">http://hci.sait.samsung.co.kr.mvoice</a>
	50.	"About Say..." <a href="http://wwwwtios.cs.utwente.nl.say/about_say.html">http://wwwwtios.cs.utwente.nl.say/about_say.html</a>
	51.	"Speechsynthesis: the Multilingual Text-to-Speech System from Gerhard-Mercator-University Duisburg," <a href="http://sun5.fb9-ti.uni-duisburg.de/demos/speech.html">http://sun5.fb9-ti.uni-duisburg.de/demos/speech.html</a>
	52.	Cohen, P.R., "The Role of Natural Language in a Multimodal Interface," <i>Proceedings of the First Annual ACM Symposium on User Interface Software and Technology</i> , 1992, pp. 143-149.
	53.	Thórisson, K.R., "Gandalf: An Embodied Humanoid Capable of Real-time Multimodal Dialogue with People," <i>Proceedings of the First International Conference on Autonomous Agents</i> , 1997, pp. 536-537.
	54.	Greenberg, S., "Teaching Human Computer Interaction to Programmers," Volume 3, Number 4, <i>ACM Interactions</i> , July-August 1996, ACM Press. pp. 62-76.
	55.	Baker, B. (1982, September). "Minspeak: A Semantic Compaction System that Makes Self-Expression Easier for Communicatively Disabled Individuals," <i>Byte</i> , 7, pp. 186-202. (See Remarks)
	56.	Baker, B. (1986). "Using Images to Generate Speech," <i>Byte</i> , 11, pp. 160-168. (See Remarks)
	57.	Bruno, J. (1989). "Customizing a Minspeak system for a Preliterate Child: A Case Example," <i>Augmentative and Alternative Communication</i> , 5, pp. 89-100. (See Remarks)
R.B.	58.	Deegan, S. (1993, June). "Minspeak: A Powerful Encoding Technique," <i>Communicating Together</i> , 11(2) pp. 22-23. (See Remarks)

Examiner

R. J. Yarnie

Date Considered

07/12/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>U.S. PATENTS</b>							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<b>PENDING U.S. PATENT APPLICATIONS</b>							
Examiner Initial		Application Number	Filing Date	First Named Inventor			Petition to Expunge? Yes   No
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes   No
<b>OTHER DOCUMENTS</b> (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
R-B	55.	Baker, B. (1982, September). "Minspeak: A Semantic Compaction System that Makes Self-Expression Easier for Communicatively Disabled Individuals," <i>Byte</i> , 7, pp. 186-202. (See Remarks)					
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